

Debris removal is the clearance, removal and/or disposal of debris following a disaster. The resulting debris may be comprised of one or more of the following types:

Construction & Demolition materials	Electronic debris - (computers, TVs, etc.)
Sediments	Sandbags
Vegetative debris	White Metals - (washer, refrigerators, etc.)
Metals - (awnings, etc.)	Personal Property
Animal Carcasses	Hazardous Household Waste



## DEBRIS REMOVAL ISSUES

### Eligibility

- ☑ Debris must be:
  - The result of a declared event
  - Located in the designated disaster area
  - The legal responsibility of an eligible applicant
- ☑ Debris removal is eligible when it:
  - Eliminates immediate threats to lives, public health & safety
  - Eliminates immediate threats of significant damage to improved public or private property
  - Ensures the economic recovery of the affected areas to the benefit of the community-at-large
- ☑ Debris on private property is eligible only when:
  - The disaster caused severe and widespread damage
  - Removal is necessary to eliminate an immediate threat to life, public health & safety or to improve public or private property, or to ensure the economic recovery of the affected community to the benefit of the community-at-large
  - The work is performed by an eligible applicant

### Debris Monitoring

- ☑ Monitoring to be done by trained & properly supervised personnel
- ☑ Thorough understanding of monitoring responsibilities and techniques
- ☑ Most effective process for identifying, evaluating & resolving debris issues



**Danger!**

**INELIGIBLE FOR  
DEBRIS REMOVAL  
(GENERALLY)**

- 🚫 **Vehicles**
- 🚫 **Damaged pools, basements, foundations**
- 🚫 **Pre-disaster items awaiting disposal**
- 🚫 **Reconstruction debris**
- 🚫 **Non-threatening debris**
- 🚫 **Non-disaster damages**



## DEBRIS MANAGEMENT PLAN

- 👉 A good debris management plan can save you time and money.
- 👉 A debris management plan will address both short term and long term goals and actions.
- 👉 A debris management plan is essential for a quick and effective response to and preparation for debris from the next major disaster.

# Debris Removal



## DEBRIS REMOVAL ISSUES - *Continued*

### Debris Contracts:

- Remember to follow legal procurement procedures
- Must meet or exceed federal procurement standards for FEMA reimbursement (*44 CFR, Part 13*)
- For emergency procurement
- Fully document process
- Ensure costs are reasonable and justified
- Monitor activities and document monitoring process
- Ensure all activities in the contract are required for debris removal and are eligible for reimbursement

### Potential Debris Contract Activities:

- Debris management planning
- Clearance
- Removal & hauling
- Demolition
- Debris management sites
- Recycling
- Household hazardous waste
- Asbestos
- Final disposition (from temporary site to final disposal site)
- Monitoring
- Project Management

### Contract Types

- Time and Materials
  - o Used during first 70 hours of the emergency
  - o Cannot exceed 70 hours for all contracts without FEMA waiver
  - o Requires detailed documentation & full time monitors
- Unit Price
  - o Requires full time trained third-party contract monitors
  - o Requires all trucks to be accurately measured & numbered
  - o Requires all truckloads to be documented
- Lump Sum
  - o Area Method
    - Requires clear, definable scope of work
    - Difficult to estimate debris amounts
    - High probability of claims
    - Contractors shoulder most of the risk
  - o Pass Method
    - Requires accurate, up-to-date plans
    - Must have public cooperation
    - Requires public information office involvement
    - Has definitive scope of work



### Additional Resources

-  Disaster Plan, California Integrated Waste Management Board (CIWMB)
-  Debris Management Guide, FEMA
-  Debris Operations Job Aid, FEMA
-  Public Assistance Policy Guide, FEMA
-  Public Assistance Guide, FEMA
-  [Debris Management Plan Flyer](#)
-  [Private Property Debris Removal Flyer](#)

### Web Sites

- [www.oes.ca.gov](http://www.oes.ca.gov)
- [www.fema.gov](http://www.fema.gov)
- [www.ciwmb.ca.gov](http://www.ciwmb.ca.gov)



### **FOR MORE INFORMATION ON DEBRIS MANAGEMENT CONTACT:**

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**Regulations:** *44 CFR, Section 206.224.  
Stafford Act, Sections 403 & 407*